

DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION

ATTORNEY'S DOCKET NO.

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

PENG TAN, 541 Del Medio, #237, Mountain View, CA 94040

the specification of which (check one) is attached hereto.

was filed on _____

Application Serial No. _____

and was amended on _____
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)	Priority Claimed
(Number) _____ (Country) _____	(Day/Month/Year Filed) _____ <input type="checkbox"/> Yes <input type="checkbox"/> No
(Number) _____ (Country) _____	(Day/Month/Year Filed) _____ <input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

SEND CORRESPONDENCE TO:
PENG TAN
541 Del Medio, Apt 237
Mountain View, CA 94040

DIRECT TELEPHONE CALLS TO:
(name and telephone number)
PENG TAN
(415) 857 3616 (work)
(415) 941 7523 (home)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

PENG TAN

40100

Full name of sole or first inventor

Inventor's signature

Residence

Post Office Address

Dated: 3/20/85

Citizenship Singapore

Full name of 2nd joint inventor, if any

2nd Inventor's signature

Residence

Post Office Address

Dated:

Citizenship

Full name of 3rd joint inventor, if any

3rd Inventor's signature

Residence

Post Office Address

Dated:

Citizenship

Full name of 4th joint inventor, if any

4th Inventor's signature

Residence

Post Office Address

Dated:

Citizenship

Full name of 5th joint inventor, if any

5th Inventor's signature

Residence

Post Office Address

Dated:

Citizenship

OATH - ORIGINAL APPLICATION		ATTORNEY'S DOCKET NO.																																					
<p>As a below-named inventor, I hereby swear or affirm that: my residence, post office address and citizenship are as stated below next to my name; I verily believe I am the original, first and sole inventor (if only one name is listed below at 201) or a joint inventor (if plural inventors are named below at 201-203) of the invention entitled <u>Liquid crystal hot spot detection with infinitesimal temperature control</u> which is described and claimed in the attached specification; I do not know and do not believe that the invention was ever known or used in the United States of America before my or our invention thereof; I do not know and do not believe that the invention was ever patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application; I do not know and do not believe that the invention was in public use or on sale in the United States of America more than one year prior to this application; I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application; the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months prior to this application; and no applications for patents or inventor's certificate on the invention filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns,</p> <p><input checked="" type="checkbox"/> no such applications have been filed, or <input type="checkbox"/> such applications have been filed as follows:</p>																																							
EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED WITHIN 12 MONTHS PRIOR TO THIS APPLICATION																																							
COUNTRY	APPLICATION NO.	DATE OF FILING (DAY, MO., YR.)	DATE OF ISSUE (DAY, MO., YR.)																																				
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<table border="1"> <tr> <td>FULL NAME OF INVENTOR</td> <td>FAMILY NAME</td> <td>FIRST GIVEN NAME</td> <td>SECOND GIVEN NAME</td> </tr> <tr> <td>201 RESIDENCE CITIZENSHIP</td> <td>CITY SINGAPORE</td> <td>STATE OR FOREIGN COUNTRY SINGAPORE</td> <td>COUNTRY OF CITIZENSHIP SINGAPORE</td> </tr> <tr> <td>POST OFFICE ADDRESS</td> <td>POST OFFICE ADDRESS 541 Del Medio, #237,</td> <td>CITY Mountain View</td> <td>STATE & ZIP CODE/COUNTRY CA 94040, USA</td> </tr> <tr> <td>FULL NAME OF INVENTOR</td> <td>FAMILY NAME —</td> <td>FIRST GIVEN NAME</td> <td>SECOND GIVEN NAME</td> </tr> <tr> <td>202 RESIDENCE CITIZENSHIP</td> <td>CITY —</td> <td>STATE OR FOREIGN COUNTRY</td> <td>COUNTRY OF CITIZENSHIP</td> </tr> <tr> <td>POST OFFICE ADDRESS</td> <td>POST OFFICE ADDRESS</td> <td>CITY</td> <td>STATE & ZIP CODE/COUNTRY</td> </tr> <tr> <td>FULL NAME OF INVENTOR</td> <td>FAMILY NAME —</td> <td>FIRST GIVEN NAME</td> <td>SECOND GIVEN NAME</td> </tr> <tr> <td>203 RESIDENCE CITIZENSHIP</td> <td>CITY —</td> <td>STATE OR FOREIGN COUNTRY</td> <td>COUNTRY OF CITIZENSHIP</td> </tr> <tr> <td>POST OFFICE ADDRESS</td> <td>POST OFFICE ADDRESS —</td> <td>CITY</td> <td>STATE & ZIP CODE/COUNTRY</td> </tr> </table>				FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME	201 RESIDENCE CITIZENSHIP	CITY SINGAPORE	STATE OR FOREIGN COUNTRY SINGAPORE	COUNTRY OF CITIZENSHIP SINGAPORE	POST OFFICE ADDRESS	POST OFFICE ADDRESS 541 Del Medio, #237,	CITY Mountain View	STATE & ZIP CODE/COUNTRY CA 94040, USA	FULL NAME OF INVENTOR	FAMILY NAME —	FIRST GIVEN NAME	SECOND GIVEN NAME	202 RESIDENCE CITIZENSHIP	CITY —	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE & ZIP CODE/COUNTRY	FULL NAME OF INVENTOR	FAMILY NAME —	FIRST GIVEN NAME	SECOND GIVEN NAME	203 RESIDENCE CITIZENSHIP	CITY —	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	POST OFFICE ADDRESS	POST OFFICE ADDRESS —	CITY	STATE & ZIP CODE/COUNTRY
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SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203
<i>Jan Fey</i>	—	—
DATE <i>23 March 1985</i>	DATE	DATE

State of Florida
 County of St. Lucie Boro ss

Sworn to and subscribed before me this 2 day of April 1985
 My commission
 EXPIRES OCT 9, 1988

Applicant or Patentee: PENG JAN Attorney's
Serial or Patent No.: _____ Docket No.: _____
Filed or Issued: _____
For: _____

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS (37 CFR 1.9(f) and 1.27(b)) - INDEPENDENT INVENTOR

As a below named inventor, I hereby declare that I qualify as an independent inventor as defined in 37 CFR 1.9(c) for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code, to the Patent and Trademark Office with regard to the invention entitled Liquid crystal hot spot detection with infinitesimal temperature control described in

- (1) the specification filed herewith
(2) application serial no. _____, filed _____
(3) patent no. _____, issued _____

I have not assigned, granted, conveyed or licensed and am under no obligation under contract or law to assign, grant, convey or license, any rights in the invention to any person who could not be classified as an independent inventor under 37 CFR 1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

- no such person, concern, or organization
 persons, concerns or organizations listed below

*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

FULL NAME _____
ADDRESS _____

FULL NAME _____
ADDRESS _____

FULL NAME _____

INDIVIDUAL SMALL BUSINESS CONCERN NONPROFIT ORGANIZATION

change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein or my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

PENG TAN

NAME OF INVENTOR

NAME OF INVENTOR

NAME OF INVENTOR

Dan Feng

Signature of Inventor

Signature of Inventor

Part 23 (B)

2

Draze

ATTORNEY'S DOCKET NO.

DECLARATION - ORIGINAL APPLICATION

As a below-named inventor, I hereby declare that:
 my residence, post office address and citizenship are as stated below next to my name;
 I verify believe I am the original, first and sole inventor (if only one name is listed below at 201) or a joint inventor (if plural
 inventors are named below at 201-203) of the invention entitled liquid crystal hot spot detection with
 infinitesimal temperature control

which is described and claimed in the attached specification;
 I do not know and do not believe that the invention was ever known or used in the United States of America before my or our
 invention thereof;
 I do not know and do not believe that the invention was ever patented or described in any printed publication in any country
 before my or our invention thereof or more than one year prior to this application;
 I do not know and do not believe that the invention was in public use or on sale in the United States of America more than one
 year prior to this application;
 I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application;
 the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in
 any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more
 than twelve months prior to this application; and
 as to applications for patents or inventor's certificate on the invention filed in any country foreign to the United States of
 America prior to this application by me or my legal representatives or assigns,

- no such applications have been filed, or
 such applications have been filed as follows:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED WITHIN 12 MONTHS PRIOR TO THIS APPLICATION			
COUNTRY	APPLICATION NO.	DATE OF FILING (DAY, MO., YR.)	DATE OF ISSUE (DAY, MO., YR.)
Nil			

YES NO
 YES NO

ALL FOREIGN APPLICATIONS, IF ANY, FILED MORE THAN 12 MONTHS PRIOR TO THIS APPLICATION

Nil			

SEND CORRESPONDENCE TO: DIRECT TELEPHONE CALLS TO:
 (name and telephone number)

201	FULL NAME OF INVENTOR	FAMILY NAME <u>TAN</u>	FIRST GIVEN NAME <u>PEANG</u>	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY <u>Singapore</u>	STATE OR FOREIGN COUNTRY <u>Singapore</u>	COUNTRY OF CITIZENSHIP <u>Singapore</u>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <u>544 Del Medio, #237</u>	CITY <u>Mountain View</u>	STATE & ZIP CODE/COUNTRY <u>CA 94040 USA</u>
202	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE & ZIP CODE/COUNTRY
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	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 101 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201 SIGNATURE OF INVENTOR 202 SIGNATURE OF INVENTOR 203

Qianfeng

DATE

March 23, 1985

DATE

DATE